

INTERVAL SHEET

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VDMR Well No: 2072

Date rec'd: 12/21/67

Sample Interval: from 1' to 280'

PROP: Va. Dept. of Highways (Int. #81 Rest Area, #1) Number of samples: 29

COMP: C. R. Moore Well Drilling Co.

Total Depth: 280'

COUNTY: Augusta (Ft. Defiance)

Oil or Gas: Water ~~X~~ Exploratory:

From-To	From-To	From-To	From-To
-	-	-	-
1 - 2	-	-	-
2 - 10	-	-	-
10 - 20	-	-	-
20 - 30	-	-	-
30 - 40	-	-	-
40 - 50	-	-	-
50 - 60	-	-	-
60 - 70	-	-	-
70 - 80	-	-	-
80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
110 - 120	-	-	-
120 - 130	-	-	-
130 - 140	-	-	-
140 - 150	-	-	-
150 - 160	-	-	-
160 - 170	-	-	-
170 - 180	-	-	-
180 - 190	-	-	-
190 - 200	-	-	-
200 - 210	-	-	-
210 - 220	-	-	-
220 - 230	-	-	-
230 - 240	-	-	-
240 - 250	-	-	-
250 - 260	-	-	-
260 - 270	-	-	-
270 - 280	-	-	-

All intervals have both washed and unwashed samples.

OWNER: Virginia Department of Highways
(Ft. Defiance Rest Area, Well #1)
DRILLER: C. R. Moore Well Drilling Co.
COUNTY: Augusta (Ft. Defiance)

VDMR: 2072
WWCR: 383
TOTAL DEPTH: 280'

GEOLOGIC LOG

Depth in feet

0-1	No sample
1-2	Limestone - dark-gray, fine-grained, microcrystalline, very argillaceous, vein calcite; some weathered limestone
2-10	"
10-20	"
20-30	"
30-40	"
40-50	Limestone - dark-gray, fine-grained, microcrystalline, very argillaceous
50-60	" some weathered limestone
60-70	" "
70-80	" "
80-90	" "
90-100	" "
100-110	" "
110-120	" "
120-130	" "
130-140	" "
140-150	" "
150-160	" " vein calcite

OWNER: Virginia Department of Highways
(Ft. Defiance Rest Area, Well #1)

#2072

160-170	Limestone - dark-gray, fine-grained, microcrystalline, very argillaceous; some weathered limestone
170-180	"
180-190	"
190-200	" some vein calcite
200-210	"
210-220	" less weathered limestone
220-230	"
230-240	"
240-250	" less weathered limestone
250-260	" " vein calcite
260-270	" " pyrite
270-280	"

GEOLOGIC SUMMARY

<u>Rock Unit</u>	<u>Age</u>
Edinburg Formation (Lance Mills facies)	Ordovician

Virginia Division of Mineral Resources
W. W. Winters, Geologist
January 2, 1968

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF CONSERVATION AND ECONOMIC DEVELOPMENT

VDMR - 2072
WWCR - 383

MAILING ADDRESS:

DIVISION OF MINERAL RESOURCES

OFFICE ADDRESS:

B 3667
C Charlottesville, VA 22903

JAMES L. CALVER, COMMISSIONER

McCormick Road
Charlottesville, Virginia

WATER WELL COMPLETION REPORT

OWNER: Virginia Dept. of Highways Mailing Address: _____

TENANT: Ft. Defiance I-81 Rest Area, Well #1 Mailing Address: _____

DRILLER: C. R. Moore Well Drilling Co. Mailing Address: Charlottesville, Va.

WELL LOCATION: County Augusta Approx. 4.60 ^{feet} miles south (direction) of

Rockingham-Augusta Co. line and 1 ^{miles} ~~miles~~ east (direction) of Ft. Defiance

(GIVE DIRECTION AND DISTANCE IN FEET OR MILES FROM TWO REFERENCE POINTS - ROADS, TOWNS, RIVERS, ETC. - ON COUNTY HIGHWAY OR OTHER MAP.)

DATE STARTED: 11/9/67 DATE COMPLETED: 11/15/67

TYPE OF DRILL RIG USED: Rotary TOTAL DEPTH 280 feet

WATER LEVEL: Stands 50 feet below surface OR

has NATURAL flow of _____ gallons per minute.

YIELD TEST: Method _____

Drawdown _____ feet

Rate 37 gal. per min.

Duration _____ hrs., _____ min.

WATER ZONES: from 55 to 56 feet
73 74

from 100 to 105 feet
145 146

from 150 to 151 feet
218 220
265 266

WATER: Color _____ Taste _____

Odor _____ Temp. _____ °F

WELL TO SUPPLY: (check one) Home _____

Farm _____ Town _____ School _____

Industry _____ Other Public

WATER ANALYSIS AVAILABLE: Yes _____ No _____

DRILL CUTTINGS SAVED: Yes X No _____

(DRILL CUTTINGS SHOULD BE COLLECTED AT 10 FOOT INTERVALS. THESE SAMPLES MAY BE SHIPPED TO THIS OFFICE EXPRESS COLLECT. SAMPLE BAGS ARE FURNISHED FREE OF CHARGE UPON REQUEST.)

REMARKS: Bedrock at 1'

HOLE SIZE 10 1/2 inches from 0 to 52 feet

8 inches from 52 to 109 feet

6 1/4 inches from 109 to 280 feet

SCREEN SIZE: _____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

CASE SIZE: 6 inches from 0 to 109 feet

_____ inches from _____ to _____ feet

_____ inches from _____ to _____ feet

GROUTING: Method _____

Material _____ Depth _____ feet

PUMP: Type _____

Capacity _____ gal. per min

Depth of intake _____ feet

LOG

FURNISHED BY: OVG

DATE: 11/9/67

DEPTH (feet)		TYPE OF ROCK OR SOIL PENETRATED (gravel, clay, etc., hardness, color, etc.)	REMARKS (water, caving, shot, screen, sample, etc.)
FROM	TO		
-			
0	1	Clay, yellow	
1	100	Limestone, medium hard blue	
100	105	Yellow shale	Water
105	280	Limestone, dark-gray, medium hard	

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80 - 90	-	-	-
90 - 100	-	-	-
100 - 110	-	-	-
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